

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 5643 | directory same attribute and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>14:54 |
| L2    | 4274 | directory same attribute and (module or service) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>14:55 |
| L3    | 1664 | directory same attribute and (module or service) and ((identif\$8 or select\$4 or choos\$4) near4 (module or service)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>14:56 |
| L4    | 1506 | directory same attribute and (module or service) and ((identif\$8 or select\$4 or choos\$4) near3 (module or service)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>14:56 |
| L5    | 1506 | directory same attribute and ((identif\$8 or select\$4 or choos\$4) near3 (module or service)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>14:56 |
| L6    | 2237 | directory same attribute and ((identif\$8 or select\$4 or choos\$4 or request\$4) near3 (module or service)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>14:57 |
| L7    | 25   | (directory same attribute) and ((identif\$8 or select\$4 or choos\$4 or request\$4) near3 (module or service)) and (stor\$4 near4 (attribute or data) near4 (appropriate or corresponding or linked or relevant or connected or related) near4 (segment or part or location or portion)) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/10<br>15:00 |

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| L8 | 3   | (directory same attribute) and ((identif\$8 or select\$4 or choos\$4 or request\$4) near3 (module or service)) and (stor\$4 near4 (attribute or data) near4 (appropriate or corresponding or linked or relevant or connected or related) near4 (segment or part or location or portion)) and LDAP and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>15:14 |
| L9 | 2   | "20040117410"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>15:28 |
| S1 | 169 | (directory adj system).ti.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:10 |
| S2 | 0   | (allan near c near lloyd).inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:01 |
| S3 | 18  | (allan near2 lloyd).inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:01 |
| S4 | 190 | (richard near harvey).inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:10 |
| S5 | 2   | (richard near harvey).inv. and (datacraft).asn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:12 |
| S6 | 2   | "20040117410"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:13 |
| S7 | 2   | "20020107828"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:14 |

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| S8  | 2    | "6347312".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:15 |
| S9  | 2    | "6085188".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:15 |
| S10 | 0    | ldap and<br>@ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:16 |
| S11 | 3433 | ldap and<br>@ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:16 |
| S12 | 109  | ldap and DIT and<br>@ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:17 |
| S13 | 65   | ldap and DIT and "x.500"<br>and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:18 |
| S14 | 62   | ldap and DIT and "x.500"<br>and attribute and<br>@ad< "20031112"                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>18:18 |
| S15 | 63   | ldap and DIT and "x.500"<br>and attribute and<br>@ad< "20031112"                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>18:19 |
| S16 | 33   | ldap and DIT and "x.500"<br>and attribute and (access<br>near control\$5) and<br>@ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>18:19 |
| S17 | 33   | ldap and DIT and "x.500"<br>and attribute and (access<br>near2 control\$5) and<br>@ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:10 |

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| S18 | 52   | DIT and "x.500" and attribute and (access near2 control\$5) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>18:27 |
| S19 | 0    | dit and (attribute near segment) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13<br>19:03 |
| S20 | 1    | dit and (attribute near segment) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:03 |
| S21 | 136  | ldap and tree and "x.500" and attribute and (access near2 control\$5) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:24 |
| S22 | 2987 | (manag\$6 with directory) and (control\$5 near2 access) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:25 |
| S23 | 1521 | (manag\$6 near3 directory) and (control\$5 near2 access) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:25 |
| S24 | 948  | (manag\$6 near3 directory) and (control\$5 near2 access) and attribute and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:25 |
| S25 | 951  | (manag\$6 near3 directory) and (control\$5 near2 access) and (attribute and tree of hierarch\$5) and @ad< "20031112"                        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:26 |
| S26 | 315  | (manag\$6 near3 directory) and (control\$5 near2 access) and (attribute and tree of hierarch\$5) and (object adj class) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/13<br>19:26 |
| S27 | 729  | (directory near2 system) with (memory)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/16<br>16:03 |

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| S28 | 7    | ((directory near2 system) with (memory)) and (attribute and object and DIT) and @ad< "20031112"                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/16<br>17:41 |
| S29 | 209  | (richard near2 harvey).inv.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/16<br>17:42 |
| S30 | 20   | (richard near2 harvey).inv. and DIT  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/16<br>17:42 |
| S31 | 20   | (richard near2 harvey).inv. and DIT and "X.500"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>11:57 |
| S32 | 171  | (directory adj system).ti.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>11:58 |
| S33 | 16   | (directory adj system).ti. and DIT   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>11:58 |
| S34 | 2    | "20050102297"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>14:31 |
| S35 | 2205 | (directory near2 system) and (authentication or authorization or (access near (control or right\$))) and @ad< "20031112"           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>14:33 |
| S36 | 1509 | (directory near2 system) and (access near (control or right\$ or configuration)) and @ad< "20031112"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>14:34 |
| S37 | 52   | (directory near2 system) and (access near (control or right\$ or configuration)) and (access near2 identifier) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/17<br>14:34 |

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| S38 | 81  | (directory near2 system) and (access near (control or right\$ or configuration)) and (access near2 identifier) and @ad< "20031112"                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/17<br>14:35 |
| S39 | 0   | (directory near2 system) and (access near (control or right\$ or configuration)) and (access near2 identifier) and DIT and @ad< "20031112"                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/17<br>14:35 |
| S40 | 29  | (directory near2 system) and (access near (control or right\$ or configuration)) and (access near2 identifier) and tree and @ad< "20031112"                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/17<br>14:35 |
| S41 | 47  | (directory near2 system) and (access near (control or right\$ or configuration)) and (access near2 identifier) and (tree or hierarchy) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19<br>13:34 |
| S42 | 285 | (directory near2 system) and (transaction near2 manag\$6) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19<br>13:34 |
| S43 | 1   | (directory near2 system) and (transaction near2 manag\$6) and (recover\$4 near3 directory) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19<br>13:35 |
| S44 | 72  | (directory near2 system) and (transaction near2 manag\$6) and (recover\$4 near3 data) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19<br>13:35 |
| S45 | 84  | (directory near2 system) and (transaction near2 manag\$6) and (recover\$4 near3 (information or data)) and @ad< "20031112"                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19<br>13:36 |
| S46 | 71  | (directory near2 system) and (transaction near2 manag\$6) and (recover\$4 near3 (information or data)) and (transaction near2 data) and @ad< "20031112"    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/19<br>14:32 |

|     |     |  |   |    |    |                  |
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| S47 | 107 | (directory near2 system) and (memory near2 manag \$6) and (usage near3 memory) and @ad< "20031112"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:44 |
| S48 | 12  | (directory near2 system) and (memory near2 manag \$6) and (usage near3 memory) and ((configu\$6 or reconfigu\$6) near3 memory) and @ad< "20031112"                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:45 |
| S49 | 477 | (memory near2 manag\$6) and (usage near3 memory) and ((configu\$6 or reconfigu\$6) near3 memory) and @ad< "20031112"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:47 |
| S50 | 109 | (directory) and (memory near2 manag\$6) and (usage near3 memory) and ((configu\$6 or reconfigu\$6) near3 memory) and @ad< "20031112"                               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:55 |
| S51 | 58  | (memory near2 manag\$6) and ((usage near3 memory) same ((configu \$6 or reconfigu\$6) near3 memory)) and @ad< "20031112"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:49 |
| S52 | 23  | (memory near2 manag\$6) and (monitor\$4 near4 (usage near3 memory)) and ((configu\$6 or reconfigu\$6) near3 memory) and @ad< "20031112"                            | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:49 |
| S53 | 70  | (directory) and (memory near2 manag\$6) and (usage near3 memory) and ((configu\$6 or reconfigu\$6) near3 memory) and (memory near3 allocat\$5) and @ad< "20031112" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 13:56 |
| S54 | 57  | (directory near2 system) and (transaction near2 manag\$6) and (recover\$4 near3 (information or data)) and (transaction\$3 near data) and @ad< "20031112"          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/19 14:40 |

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| S55 | 30    | (manag\$6 near2 memory) and (monitor near4 (memory near3 usage)) and (allocat\$5 near3 memory) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/19<br>14:47 |
| S56 | 0     | (sponsoring adj object) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/19<br>14:48 |
| S57 | 0     | (sponsorr adj object) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/19<br>14:48 |
| S58 | 2     | (sponsored adj object) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/19<br>14:48 |
| S59 | 47    | (transactional adj messaging) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>15:09 |
| S60 | 2     | (transactional adj messaging) and (directory near2 (system or service)) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>14:58 |
| S61 | 54    | (transactional adj message) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>15:09 |
| S62 | 83    | (transactional adj message) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/19<br>15:09 |
| S63 | 15668 | (directory near2 system or service) and (user same (services or functions)) and ((authoriz\$6 or authenticat\$5) same user same (service\$2 or function\$2)) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>18:24 |



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| S64 | 1416 | (directory near2 (system or service)) and (user same (services or functions)) and ((authoriz \$6 or authenticat\$5) same user same (service\$2 or function\$2)) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>18:25 |
| S65 | 476  | (directory near2 (system or service)) and (user same (services or functions)) and ((authoriz \$6 or authenticat\$5) same user same (service\$2 or function\$2)) and (data same (user near5 ("logged in" or "logged on" or using or present or presence))) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>18:26 |
| S66 | 132  | (directory near2 (system or service)) and (user same (services or functions)) and ((authoriz \$6 or authenticat\$5) same user same (service\$2 or function\$2)) and (data near5(user near5 ("logged in" or "logged on" or using or present or presence))) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>18:26 |
| S67 | 132  | (directory near2 (system or service)) and (user same (services or functions)) and ((authoriz \$6 or authenticat\$5) same user same (service\$2 or function\$2)) and (data near5 (user near5 ("logged in" or "logged on" or using or present or presence))) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>18:26 |
| S68 | 12   | (directory near2 system) same (user near2 session) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>19:39 |
| S69 | 586  | (segregat\$5 or divid\$4 or stor\$4) near4 data near5 (frequen\$5 near3 access) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>19:40 |

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|-----|------|--|---|----|-----|---------------------|
| S70 | 456  | (segregat\$5 or divid\$4 or stor\$4) near3 data near4 (frequen\$5 near3 access) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>19:40 |
| S71 | 1    | (directory near2 (system or service)) and ((segregat \$5 or divid\$4 or stor\$4) near3 data near4 (frequen \$5 near3 access)) and @ad< "20031112"    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>19:51 |
| S72 | 879  | (backing adj (store or storage)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>19:52 |
| S73 | 55   | (directory adj (system or service)) and (backing adj (store or storage)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:05 |
| S74 | 44   | (directory adj (system or service)) and (user near3 session near3 data) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:09 |
| S75 | 0    | (directory adj (system or service)) and ((user near3 session near3 data) same ((log\$5 or sign\$4) near (in or on))) and @ad< "20031112"             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:07 |
| S76 | 1194 | (user near3 session near3 data) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:09 |
| S77 | 35   | (user near3 session near3 data) and (stor\$4 near4 (session near3 data)) and ((chang\$4 or modif\$5) near4 (session near3 data)) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:13 |
| S78 | 138  | (track\$4 near4 (user near2 activity)) and (authentication or authorization) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:14 |

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|-----|-----|--|---|----|-----|---------------------|
| S79 | 22  | ((track\$4 near4 (user near2 activity)) and (authentication or authorization) and ((chang \$4 or modif\$5) near4 (user near2 data)) and @ad< "20031112"                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:15 |
| S80 | 0   | ((track\$4 near4 (user near2 activity)) same presence) and (authentication or authorization) and ((chang \$4 or modif\$5) near4 (user near2 data)) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:15 |
| S81 | 0   | (track\$4 near4 (user near2 presence)) and (authentication or authorization) and ((chang \$4 or modif\$5) near4 (user near2 data)) and @ad< "20031112"                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:16 |
| S82 | 10  | (track\$4 near4 (user near4 presence)) and (authentication or authorization) and ((chang \$4 or modif\$5) near4 (user near2 data)) and @ad< "20031112"                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:23 |
| S83 | 23  | (directory adj (system or service)) and ((hash adj value) near4 (attribute or name)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19<br>20:24 |
| S84 | 136 | (directory adj (system or service)) and (virtual adj memory) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04<br>20:07 |
| S85 | 0   | (directory adj (system or service)) and ((directory near2 data) same (virtual adj memory)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04<br>20:07 |
| S86 | 0   | (directory adj (system or service)) and ((directory near2 (data or object)) same (virtual adj memory)) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04<br>20:07 |

|     |       |  |   |    |     |                     |
|-----|-------|--|---|----|-----|---------------------|
| S87 | 81    | (directory adj (system or service)) and ((data or object) same (virtual adj memory)) and @ad< "20031112"                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04<br>20:08 |
| S88 | 7     | (directory adj (system or service)) and ((data or object) same (virtual adj memory)) and (shared adj memory) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04<br>20:08 |
| S89 | 22    | (directory adj (system or service)) and (directory same (virtual adj memory)) and @ad< "20031112"                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04<br>20:15 |
| S90 | 4     | (directory adj (system or service)) and (directory same (virtual adj memory) same ram) and @ad< "20031112"                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/05<br>13:33 |
| S91 | 12    | (directory adj (system or service)) and (directory same (virtual adj memory)) and ram and @ad< "20031112"                        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/05<br>13:34 |
| S92 | 51    | (directory adj (system or service)) and (directory same (shared adj memory)) and @ad< "20031112"                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/05<br>13:39 |
| S93 | 40    | ((virtual adj memory) same ram same (backing or "back-up" or "back up")) and @ad< "20031112"                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/05<br>14:23 |
| S94 | 15645 | (segment\$6 near3 memory) and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/28<br>16:12 |
| S95 | 1968  | (segment\$6 near3 memory) same table and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/28<br>16:17 |
| S96 | 65    | (segment\$6 near3 memory) same table same dedicat\$4 and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/28<br>16:17 |

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|------|-----|---|---|----|----|---------------------|
| S97  | 74  | (segment\$6 near3 memory) same (table or subset or set) same (attribute or data) same dedicat\$4 and @ad< "20031112"                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:17 |
| S98  | 74  | (segment\$6 near3 (memory or medium)) same (table or subset or set) same (attribute or data) same dedicat\$4 and @ad< "20031112"                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:19 |
| S99  | 81  | (segment\$6 near3 (memory or storage)) same (table or subset or set) same (attribute or data) same dedicat\$4 and @ad< "20031112"               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:19 |
| S100 | 10  | (segment\$6 near3 (storage)) same (table or subset or set) same (attribute or data) same dedicat\$4 and @ad< "20031112"                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:19 |
| S101 | 125 | (segment\$6 near3 (storage)) same dedicat\$4 and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:21 |
| S102 | 500 | (segment\$6 near3 (memory or storage)) same dedicat\$4 and @ad< "20031112"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:21 |
| S103 | 158 | (segment\$6 near3 (memory or storage)) same (dedicat\$4 near5 (data or information set or subset or table or attribute)) and @ad< "20031112"    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:22 |
| S104 | 158 | (segment\$6 near3 (memory or storage)) same (dedicat\$4 near5 (data or information or set or subset or table or attribute)) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/28<br>16:22 |
| S105 | 120 | (segment\$6 near3 (memory or storage)) same (parallel near2 process\$4) and @ad< "20031112"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/29<br>10:56 |

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|------|------|---|---|----|-----|---------------------|
| S106 | 0    | (segment\$6 near3 (memory or storage)) same (parallel near2 process\$4) and DIT and @ad< "20031112"                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:19 |
| S107 | 13   | (segment\$6 near3 (memory or storage)) same (parallel near2 process\$4) and tree and @ad< "20031112"                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:19 |
| S108 | 52   | (segment\$6 near3 (memory or storage)) same (parallel near2 process\$4) and ((allocat\$4 or distribut\$4) near4 data) and @ad< "20031112" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:21 |
| S109 | 4329 | (segment\$6 near3 (memory or storage)) and ((allocat\$4 or distribut\$4) near4 (data ot table)) and @ad< "20031112"                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:34 |
| S110 | 632  | (segment\$6 near3 (memory or storage)) same ((allocat\$4 or distribut\$4) near4 (data ot table)) and @ad< "20031112"                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:34 |
| S111 | 442  | (segment\$6 near3 memory) same ((allocat\$4 or distribut\$4) near4 (data ot table)) and @ad< "20031112"                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:35 |
| S112 | 91   | ((segment\$6 near3 memory) same ((allocat\$4 or distribut\$4) near4 (data ot table))) and (dit or directory) and @ad< "20031112"          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/08/29<br>11:35 |
| S113 | 2    | "6965963".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/29<br>13:33 |
| S114 | 2    | "5819215".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/29<br>13:33 |
| S115 | 2    | "20040146048"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/14<br>20:39 |

**3/ 10/ 2009 4:07:53 PM**

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